

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|---|------------------|---------|------------------|
| S1 | 4316467 | signal and transmission and wake up | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 15:31 |
| S2 | 250068 | (signal and receiver) and transmission | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 07:48 |
| S3 | 5704 | (signal and receiver) and transmission and wake | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 07:48 |
| S4 | 3872 | (signal and receiver) and transmission and wake and configuration | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 07:49 |
| S5 | 3872 | (signal and receiver) and transmission and wake and configuration and receiv\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 07:49 |
| S6 | 1811 | (signal and receiver) and transmission and wake and configuration and receiv\$ and search\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 07:50 |
| S7 | 50 | (signal and receiver) and transmission and wake and configuration and receiv\$ near search\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 11:18 |
| S8 | 1 | (signal and receiver) and transmission and wake and (dual near configuration) and receiv\$ near search\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 07:55 |
| S9 | 1 | (signal and receiver) same transmission same wake same configuration same receiv\$ near search\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 11:19 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| S10 | 43 | (signal and receiver) same transmission and wake and configuration and receive\$ near search\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 11:20 |
| S11 | 1 | (signal and receiver) same transmission same wake and configuration and receive\$ near search\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 11:20 |
| S12 | 135 | (signal and receiver) same transmission same configuration and wake and receive\$ near search\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/23 07:58 |
| S13 | 4 | (signal and receiver) same transmission same configuration and wake and receive\$ near search\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 15:54 |
| S17 | 2 | ("6448892").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/23 07:54 |
| S18 | 2 | ("6469621").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/22 15:58 |
| S19 | 2 | ("5500637").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/22 15:58 |
| S22 | 0 | "receive\$ first signal\$" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/23 07:58 |
| S23 | 4435 | "receive first signal" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/23 07:59 |
| S24 | 114 | "receive first signal" near receiver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/23 08:08 |

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|-----|--------|---|---|----|----|------------------|
| S25 | 469 | "receive first signal" same receiver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/23 08:08 |
| S26 | 55 | "receive first signal" same receiver same transmission | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/23 08:10 |
| S27 | 14 | "receive first signal" near receiver same transmission | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 14:56 |
| S28 | 0 | "receive first signal" near receiver same transmission and quiescent | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 14:59 |
| S29 | 11529 | synchronization and "first signal" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 15:00 |
| S30 | 244 | S29 and quiescent | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 15:01 |
| S31 | 161 | S30 and configuration | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 15:03 |
| S32 | 1 | S30 and configuration and "optimum reception" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 15:03 |
| S33 | 482884 | S30 and configuration and optimum reception | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 15:07 |
| S34 | 146385 | S33 and receiver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 15:04 |

EAST Search History

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|-----|--------|---|---|----|-----|------------------|
| S35 | 8342 | S34 and "first signal" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 15:05 |
| S36 | 0 | S35 and "configuration\$ are saved" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 15:05 |
| S37 | 0 | S35 and "configuration are saved" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 15:05 |
| S38 | 590 | S35 and saved | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 15:05 |
| S39 | 482874 | S30 and "different configuration" and optimum reception | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 15:17 |
| S40 | 131 | "super-regenerative receiver" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/27 15:17 |
| S41 | 1 | ("0297334").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 11:32 |
| S42 | 2 | ("4487156").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 13:03 |

EAST Search History

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|-----|----|--|---|----|-----|------------------|
| S43 | 51 | ((("3670691") or ("4287676") or ("D038916") or ("4024832") or ("1415631") or ("2717572") or ("3090347") or ("2609629") or ("5103758") or ("2328811") or ("0497454") or ("1961527") or ("D280529") or ("D089073") or ("1874844") or ("2717572") or ("3756550") or ("4800662") or ("0992916") or ("3137269") or ("4487156") or ("2448611"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 13:23 |
| S44 | 51 | ((("3670691") or ("4287676") or ("D038916") or ("4024832") or ("1415631") or ("2717572") or ("3090347") or ("2609629") or ("5103758") or ("2328811") or ("0497454") or ("1961527") or ("D280529") or ("D089073") or ("1874844") or ("2717572") or ("3756550") or ("4800662") or ("0992916") or ("3137269") or ("4487156") or ("2448611"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 13:44 |
| S45 | 1 | ("4934304").PN. | USPAT | OR | OFF | 2006/03/01 14:05 |
| S46 | 21 | ((("3670691") or ("4287676") or ("D038916") or ("4024832") or ("1415631") or ("2717572") or ("3090347") or ("2609629") or ("5103758") or ("2328811") or ("0497454") or ("1961527") or ("D280529") or ("D089073") or ("1874844") or ("2717572") or ("3756550") or ("4800662") or ("0992916") or ("3137269") or ("4487156") or ("2448611"))).PN. | USPAT | OR | OFF | 2006/03/01 14:42 |
| S47 | 64 | ((("3670691") or ("4287676") or ("D038916") or ("4024832") or ("1415631") or ("2717572") or ("3090347") or ("2609629") or ("5103758") or ("2328811") or ("0497454") or ("1961527") or ("D280529") or ("D089073") or ("1874844") or ("2717572") or ("3756550") or ("4800662") or ("0992916") or ("3137269") or ("4487156") or ("2448611"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 14:42 |

EAST Search History

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|-----|----|--|---|----|-----|------------------|
| S48 | 13 | ((("3670691") or ("4287676") or ("D038916") or ("4024832") or ("1415631") or ("2717572") or ("3090347") or ("2609629") or ("5103758") or ("2328811") or ("0497454") or ("1961527") or ("D280529") or ("D089073") or ("1874844") or ("2717572") or ("3756550") or ("4800662") or ("0992916") or ("3137269") or ("4487156") or ("2448611"))).PN. | USOCR | OR | OFF | 2006/03/01 15:20 |
| S49 | 0 | ("d280529").PN. | USOCR | OR | OFF | 2006/03/01 15:20 |
| S50 | 1 | ("d280529").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 15:44 |
| S51 | 64 | ((("3670691") or ("4287676") or ("D038916") or ("4024832") or ("1415631") or ("2717572") or ("3090347") or ("2609629") or ("5103758") or ("2328811") or ("0497454") or ("1961527") or ("D280529") or ("D089073") or ("1874844") or ("2717572") or ("3756550") or ("4800662") or ("0992916") or ("3137269") or ("4487156") or ("2448611"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 15:48 |
| S52 | 3 | ("3670691").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 15:49 |
| S53 | 2 | ("4287676").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 16:13 |
| S54 | 2 | ("d038916").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 16:15 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| S55 | 4 | ("4024832").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 16:15 |
| S56 | 2999 | receiver with ((wake\$1up or (wake adj up) or active or alert or (stand\$1by or (stand adj by))) near3 (mode or state)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 15:43 |
| S57 | 1 | receiver with ((optimum or best or better or excellent) near1 (recept\$3) with ((low or little or small or minute) and (quiescent or inactive or stand\$1by) and (current) and (consumption))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 15:44 |
| S58 | 1 | receiver with ((optimum or best or better or excellent) near1 (recept\$3) with ((low or little or small or minute) and (quiescent or inactive or stand\$1by) and (current))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 15:51 |
| S59 | 1 | receiver with ((optimum or best or better or excellent) near1 (recept\$3) same ((low or little or small or minute) and (quiescent or inactive or stand\$1by) and (current))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 15:52 |
| S60 | 1 | receiver with ((optimum or best or better or excellent) same (recept\$3) same ((low or little or small or minute) and (quiescent or inactive or stand\$1by) and (current))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 15:55 |
| S61 | 1 | receiver with ((optimum or best or better or excellent) same (recept\$3) same ((low or little or small or minute) same (quiescent or inactive or stand\$1by) same (current))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 15:58 |
| S62 | 2 | receiver same ((optimum or best or better or excellent) same (recept\$3) same ((low or little or small or minute) same (quiescent or inactive or stand\$1by) same (current))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 16:01 |

EAST Search History

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|-----|----------|---|---|----|----|------------------|
| S63 | 2771 | S56 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 16:00 |
| S64 | 25001231 | (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 16:34 |
| S65 | 3 | receiver and ((optimum or best or better or excellent) same (recept\$3) same ((low or little or small or minute) same (quiescent or inactive or stand\$1by) same (current))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 16:32 |
| S66 | 1 | S64 and S65 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 16:01 |
| S67 | 2 | receiver same ((optimum or best or better or excellent) same (recept\$3) same ((low or little or small or minute) same (quiescent or inactive or stand\$1by) same (current))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 16:30 |
| S68 | 3 | receiver and ((optimum or best or better or excellent) same recept\$3 same (low or little or small or minute) same (quiescent or inactive or stand\$1by) same current) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 16:33 |
| S69 | 94 | receiver and ((optimum or best or better or excellent) same recept\$3 same (low or little or small or minute) same current) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 16:36 |
| S70 | 84 | S69 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 16:34 |
| S71 | 33 | receiver same ((optimum or best or better or excellent) same recept\$3 same (low or little or small or minute) same current) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 16:37 |

EAST Search History

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|-----|-------|---|---|----|-----|------------------|
| S72 | 26 | S64 and S71 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 16:59 |
| S73 | 2 | ("4633515").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/16 16:49 |
| S74 | 488 | (search\$3 or look\$3 or scan\$3) near3 signal\$3 same (unsuccess\$3 or fail\$3) same (switch\$3 or chang\$3 or select\$3 or choos\$3 or pick\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:42 |
| S75 | 444 | S74 and S64 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 17:13 |
| S76 | 2 | S75 and S56 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 17:11 |
| S77 | 55847 | receiver with signal\$3 with transmission | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:01 |
| S78 | 51467 | S77 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:48 |
| S79 | 40762 | S78 and (data\$3 or modulat\$5 or wake\$1up or (wake adj up) or active or alert or synchron\$5 or threshold) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:05 |
| S80 | 4339 | S79 and (quiescent or inactiv\$3 or stand\$1by) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:06 |
| S81 | 535 | S80 and (no adj signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:06 |

EAST Search History

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|-----|-------|---|---|----|-----|------------------|
| S82 | 530 | S81 and (switch\$4 or pick\$3 or select\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:09 |
| S83 | 2999 | receiver with ((wake\$1up or (wake adj up) or active or alert or (stand\$1by or (stand adj by))) near3 (mode or state)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:47 |
| S84 | 2771 | S83 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:12 |
| S85 | 183 | S84 and (receiver with ((quiescent or inactive) near3 (mode or state))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:17 |
| S86 | 5 | S85 and (tire or (air near pressure)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:20 |
| S87 | 63 | S85 and (tire or (air pressure) or car or automobile) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:45 |
| S88 | 2 | ("5351052").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 10:27 |
| S89 | 85398 | (power or battery) near3 (sav\$3 or conserv\$6 or preserv\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:47 |
| S90 | 821 | S83 and S89 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:48 |
| S91 | 268 | S83 same S89 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:48 |

EAST Search History

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|----------|--------|---|---|----|-----|------------------|
| S92 | 252 | S91 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 10:48 |
| S93 | 419226 | receiv\$5 and signal\$3 and us\$3 and receiver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 10:01 |
| S94 | 67040 | S93 and (@rlad<"20031119" and @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 10:05 |
| S95 | 131 | S94 and vehicul\$3 and automo\$6 and car and auto and truck | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 10:05 |
| S96 | 79259 | receiv\$5 with signal\$3 with us\$3 with receiver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 10:05 |
| S97 | 13426 | S96 and (@rlad<"20031119" and @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 10:05 |
| S98 | 59 | S97 and (vehicul\$3 and automo\$6 and car and auto and truck) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 10:08 |
| S99 | 3 | ("6904101").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/20 10:25 |
| S10 0 | 2 | ("5552789").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/20 10:32 |
| S10 1 | 2 | ("4940964").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/20 10:52 |

EAST Search History

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|----------|-------|---|---|----|-----|------------------|
| S10 2 | 2 | ("20030164774").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/20 10:54 |
| S10 3 | 2 | ("6112587").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/20 12:27 |
| S10 4 | 10934 | receiver same (quiescent or inactive or sleep or stand\$1by) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 12:30 |
| S10 5 | 10002 | S104 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 12:30 |
| S10 6 | 631 | S104 same (search\$5 or look\$5 or find\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 12:36 |
| S10 7 | 583 | S106 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 12:37 |
| S10 8 | 119 | S106 and (configurat\$5 with transm\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 12:39 |
| S10 9 | 116 | S108 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 14:52 |
| S11 0 | 0 | 455/343.2.ccls | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 14:53 |
| S11 1 | 0 | 455/343.ccls | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 14:53 |

EAST Search History

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| S11 2 | 2 | 455/343.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 14:54 |
| S11 3 | 0 | 455/343.200.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 14:55 |
| S11 4 | 2 | 455/343.CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 14:55 |
| S11 5 | 203 | 455/343.2.CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 15:14 |
| S11 6 | 0 | S115 and S109 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 15:06 |
| S11 7 | 0 | S115 and S109 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 15:06 |
| S11 8 | 159 | S115 and receiver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 15:23 |
| S11 9 | 34 | S118 and (@rlad<"20031119" and @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 15:26 |
| S12 0 | 20 | S119 and (inact\$6 or quiesc\$5 or wake\$1up or stand\$by) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 15:27 |

EAST Search History

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|----------|-----|--|---|----|----|------------------|
| S12 1 | 15 | ("4219851" "4328587" "4410789" "4555788" "4724545" "4771283" "4885571" "4961073" "5054052" "5181227" "5194860" "5245346" "5379453" "5507040" "5541976").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 11:03 |
| S12 2 | 205 | 455/343.2.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/22 10:39 |
| S12 3 | 190 | S122 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/22 10:39 |
| S12 4 | 157 | S123 and receiver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/22 10:39 |
| S12 5 | 152 | S124 and time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/22 10:40 |
| S12 6 | 80 | S125 and (inact\$6 or quiesc\$5 or wake\$1up or stand\$by) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/22 10:41 |
| S12 7 | 80 | S126 and signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/22 10:41 |
| S12 8 | 80 | S127 and (transmis\$5 or data\$3 or frequency or modulat\$5 or synchr\$6 or threshold) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/22 10:50 |
| S12 9 | 1 | S128 and (pre\$1set adj time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/22 10:50 |

EAST Search History

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| S13 0 | 15 | ("4219851" "4328587" "4410789" "4555788" "4724545" "4771283" "4885571" "4961073" "5054052" "5181227" "5194860" "5245346" "5379453" "5507040" "5541976").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 11:03 |
| S13 1 | 14 | S130 and time | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 11:04 |
| S13 2 | 218291 | "14" and pre\$1set | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 11:04 |
| S13 3 | 1 | S131 and pre\$1set | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 11:06 |
| S13 4 | 813 | ((active adn inactive)same (wak\$3 with time)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 11:07 |
| S13 5 | 711 | S134 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 11:08 |
| S13 6 | 385 | S135 and (receiver or "455"/\$. ccls.) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 11:10 |
| S13 7 | 0 | S136 and "455""."343".S123.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 11:10 |
| S13 8 | 5 | S136 and 455/343.2.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 15:23 |
| S13 9 | 1 | "20040077383" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 14:25 |
| S14 0 | 3 | "6760578" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 15:05 |
| S14 1 | 51 | "5790946" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 15:06 |
| S14 2 | 2 | ("5790946").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/22 15:06 |

EAST Search History

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|----------|-------|--|---|----|----|------------------|
| S14 3 | 23 | S136 and 455/343\$3.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/22 15:23 |
| S14 4 | 78 | ((active and inactive) same (wak\$3 with time)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 14:18 |
| S14 5 | 69 | S144 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 14:57 |
| S14 6 | 28 | S145 and (receiver or "455".clas.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 08:53 |
| S14 7 | 1 | ((active and inactive) same (wak\$3 with pre\$1set with time)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 14:19 |
| S14 8 | 78 | ((active and inactive) same (wak\$3 with time)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 14:57 |
| S14 9 | 69 | S148 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 14:57 |
| S15 0 | 24305 | ((active and inactive) same (wak\$3 with (pre\$1set or pre\$1determ\$5) time)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 14:58 |
| S15 1 | 22345 | S150 and (@rlad<"20031119" or @ad<"20031119") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 14:58 |
| S15 2 | 5350 | S151 and (receiver or "455".clas.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 15:05 |

EAST Search History

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|----------|-----|--|---|----|-----|------------------|
| S15 4 | 933 | S152 and (receiver with signal with time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 15:07 |
| S15 5 | 8 | S154 and (receiver with signal with time with pre) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 15:08 |
| S15 6 | 182 | S154 and (receiver with signal with time with (pre\$1set or pre\$1determin\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 15:08 |
| S15 7 | 2 | ("6330454").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/28 09:18 |
| S15 8 | 3 | ("9735885").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/28 09:18 |
| S15 9 | 3 | ("9735885").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/28 09:21 |
| S16 0 | 2 | ("6760578").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/28 09:42 |
| S16 1 | 17 | ("4219851" "4328587" "4410789" "4555788" "4724545" "4771283" "4885571" "4961073" "5054052" "5181227" "5194860" "5245346" "5379453" "5507040" "5541976").PN. OR ("6760578").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/28 09:43 |
| S16 2 | 53 | "5790946" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/28 09:43 |
| S16 3 | 2 | "09129258" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/28 09:44 |

EAST Search History

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|----------|-----|---|---|----|-----|------------------|
| S16 4 | 2 | "08092147" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/28 09:44 |
| S16 5 | 2 | ("5790946").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/28 12:34 |
| S16 6 | 2 | ("20050007251").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/28 12:34 |
| S16 8 | 2 | ("5790946").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/12 10:24 |
| S16 9 | 44 | ("4219851" "4328587" "4410789" "4555788" "4724545" "4771283" "4885571" "4961073" "5054052" "5181227" "5194860" "5245346" "5379453" "5507040" "5541976").PN. OR ("5790946"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/12 11:03 |
| S17 0 | 171 | (keyless adj entry adj system) and (tire adj pressure) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/12 11:06 |
| S17 1 | 113 | S170 and (@rlad<"20021119" or @ad<"20021119" or @ptad<"20021119") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/12 16:42 |
| S17 2 | 23 | S171 and (quiescent or inactive or sleep or stand\$1by) and (active or awake) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/12 11:23 |
| S17 3 | 171 | (keyless adj entry adj system) and (tire adj pressure) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/12 16:39 |
| S17 4 | 113 | S173 and (@rlad<"20021119" or @ad<"20021119" or @ptad<"20021119") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/12 16:39 |
| S17 5 | 23 | S174 and (quiescent or inactive or sleep or stand\$1by) and (active or awake) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/12 16:39 |
| S17 6 | 23 | S175 and (chang\$3 or switch\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/12 16:39 |

EAST Search History

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|----------|----|---|---|----|-----|------------------|
| S17 7 | 0 | S174 and ((search\$3 or look\$3 or scan\$3) near3 signal\$3 same (unsuccess\$3 or fail\$3) same (switch\$3 or chang\$3 or select\$3 or choos\$3 or pick\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:55 |
| S17 8 | 5 | S174 and (first adj device) and (second adj device) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:46 |
| S17 9 | 2 | ("6053038").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/12 16:46 |
| S18 0 | 17 | S174 and ((search\$3 or look\$3 or scan\$3) near3 signal\$3 and (unsuccess\$3 or fail\$3) and (switch\$3 or chang\$3 or select\$3 or choos\$3 or pick\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:56 |
| S18 1 | 9 | ((("6904101") or ("6448892") or ("6469621") or ("20020149477"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/29 14:38 |
| S18 2 | 6 | "6885282" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/29 14:39 |
| S18 3 | 6 | 10/079665 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/29 14:39 |
| S18 4 | 2 | ("20020149477").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/08 13:26 |
| S18 5 | 0 | ("1and(silentorinactiveorquiescent)").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/08 13:26 |
| S18 6 | 0 | S184 and (silent.or inactive or quiescent) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 13:28 |

EAST Search History

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|----------|----|---|---|----|-----|------------------|
| S18 7 | 3 | ("6904101").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/08 13:34 |
| S18 8 | 4 | ((("6448892") or ("6469621"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/08 13:35 |
| S18 9 | 2 | ("6469621").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/08 13:35 |
| S19 0 | 12 | ("5461385" "5473938" "5573611" "5900808" "6011463" "6087930" "6256358").PN. OR ("6469621"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/08 18:54 |
| S19 1 | 2 | ("6366620").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/08 18:54 |